

# KERN EWJ 600-3



High-quality precision balance with automatic internal adjustment, verification optional



Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,004 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Loadcell type	aluminium IP65 silicone-coated

## Approval

CE mark	✓
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## Display

Display type	LCD
Display screen size	129 x 27
Display backlight	LED white
Display digit height	21 mm

## Construction

Dimension housing (W×D×H)	220×340×321 mm
Dimensions rectangular draught shield - inner (W×D×H)	155×175×217 mm
Dimensions rectangular draught shield - outer (W×D×H)	180×191×230 mm
Dimensions completely mounted (W×D×H)	220×340×321 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	Stainless steel
Material draught shield	plastic, glass
Dimensions weighing surface (Ø)	120 mm
Material load cell(s)	aluminium
Levelling feet adjustable	✓

## Functions

Number of keys for operation	7
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min
Capacity display	✓
PreTare function	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual

## Category

Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	EWJ

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	600 g
Readability [d]	0,001 g
Resolution	600.000
Linearity	± 0,005 g
Reproducibility	0,003 g
Default unit	g

Units	g gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa m
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Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	600 g (E2)
Automatic adjustment - Standard time interval	2 h
Stabilization time	6 s

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Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Rez A (Net total)
	RS-232 standard
	Bluetooth BTC (v2.0) (optional, factory)
Interfaces	Bluetooth BLE (v4.0) (optional, factory)
	USB-Device
IP protection - display	no IP protection
IP protection - load cell	IP65

Counting	
Smallest piece weight when piece counting - laboratory conditions	2 mg
Smallest piece weight when piece counting - normal conditions	20 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, free, Input
Counting resolution (laboratory conditions)	300.000

Power Supply	
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH

Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
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Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	6,5 h
Rechargeable battery operating time - backlight on	32 h
Rechargeable battery operating time - backlight off	57 h
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

Environmental conditions	
Humidity of environment [Max]	80 %
Ambient temperature [Min]	15 °C
Ambient temperature [Max]	30 °C

Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	395×280×275 mm
Net weight	3,1 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	3,6 kg
Shipping weight	6,1 kg

Services (optional)	
Article number for DAkkS calibration	963-103
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION

